

## **Schematics usage notes for board designers**

### **PROC100A\_SCH\_With\_Design-Updates..Notes\_V1.0**

This is the version of the schematics that is recommended to be used by customer during design of custom board. Most of the component values and mounting related errors have been updated.

Design notes have been added for customer to use during design and these notes help optimize the design as well as minimize the errors, additionally review notes have been added for customer to review the board before building the boards to minimize assembly related errors.

Changes to this schematic and additional information are being captured in the below FAQ

<https://e2e.ti.com/support/processors-group/processors/f/processors-forum/1347060/faq-am6442-am6441-am6422-am6421-am6412-am6411-custom-board-hardware-design---design-and-review-notes-for-reuse-of-sk-am64b-schematics>

Using this version of the schematics could minimize design and assembly related errors on the custom board.

### **PROC100A \_SCH**

This schematic matches the EVM version board on TI.com that customer use and could be used as reference when using the EVM. This design could have few design errors that were discovered over time, components mounting and component value errors.

It is recommended use this version of the schematics as a reference and not to reuse this version of the schematics during custom board design.

The Layout files matches this version of the schematics.

### **Schematics review summary checklist**

We are internally working on a excel checklist that summarizes the circuit sections and design guidelines for these sections, for customer to use to verify during schematic design and review.

Check the below FAQ regularly for updates

<https://e2e.ti.com/support/processors-group/processors/f/processors-forum/1347060/faq-am6442-am6441-am6422-am6421-am6412-am6411-custom-board-hardware-design---design-and-review-notes-for-reuse-of-sk-am64b-schematics>